

Yuma Area Projects

LOCATION: These projects are located in western Arizona, southeastern California, and southern Nevada.

DESCRIPTION/JUSTIFICATION: The projects provide for operation and maintenance of Reclamation facilities from Davis Dam to the Southerly International Boundary with Mexico (approximately 276 river miles). Benefits provided by this project include irrigation, municipal and industrial water, flood and sediment control, recreation, and fish and wildlife. These facilities were constructed under the Colorado River Front Work and Levee System and Delivery of Water to Mexico Project. Delivery of Water to Mexico Project includes all activities necessary to meet the requirements of the 1944 Treaty with Mexico. The Yuma Area Projects also operate and maintain the river to deliver water to over 1 million acres of irrigable land in the United States and Mexico and to over 1,700,000 urban users in the United States and Mexico.

Program activities include operation and maintenance of the Colorado River channel and settling basins, river banklines, jetties, training structures, access roads, operating bridges, levees, flood ways, drainage and/or groundwater recovery wells and related carriage facilities, transmission lines and switchyard/substations, and operation and maintenance of fish and wildlife facilities. Also provided in the program are environmental investigations and studies to satisfy National Environmental Policy Act compliance and ensure the integrity of mitigation work. The program also provides for the operation and maintenance of reservoir facilities which include Imperial Dam, Laguna Dam, Senator Wash Dam, and Senator Wash Pumping/Generating Plant.

Water for the project is diverted from the All-American Canal to the forebay of the Siphon Drop Power Plant on the Yuma Main Canal, which then is distributed over the Valley Division and a portion of the Reservation Division. Some Reservation Division lands are served directly from turnouts on the All-American Canal above and below Siphon Drop. The Yuma Main Canal crosses underneath the Colorado River near Yuma in an inverted siphon to supply the West Main, Central, and East Main Canals of the Valley Division, which flow south and irrigate land to the Mexican border.

AUTHORIZATION: Reclamation Act of 1902, June 17, 1902 (Yuma Project approved by the Secretary of the Interior on May 10, 1904); P.L. 293, Yuma Auxiliary Project, January 25, 1917, as amended; P.L. 292, Second Deficiency Appropriation Act for 1924, Section 4 (The Fact Finders Act), December 5, 1924 (Gila Project approved by the President on June 21, 1937); P.L. 585, Colorado River Front Work and Levee System, March 3, 1925; P.L. 642, Boulder Canyon Project, December 21, 1928; P.L. 247, Interior Department Appropriation Act of 1948, July 30, 1947; and P.L. 88-25, Delivery of Water to Mexico, May 17, 1963; P.L. 106-221, Wellton Mohawk Transfer Act, June 21, 2000; P.L. 106-566, Conveyance to Yuma Port Authority, December 23, 2000. The projects were administratively consolidated into the Yuma Projects - with the approval of the appropriations committees in 1957.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$1,740,703	\$1,658,000
Facility Operations	3,994,831	4,086,000
Facility Maintenance and Rehabilitation	13,537,848	14,001,000
Total Program	\$19,273,382	\$19,745,000
Prior Year Funds	(35,382)	0
Non-Federal	(50,000)	(50,000)
Enacted	\$19,188,000	\$19,695,000
Underfinancing	0	0
Rescission (P.L. 106-554)	(42,000)	0
Total Reclamation Allotment	\$19,146,000	\$19,695,000

WORK PROPOSED FOR FY 2002:

Water and Energy Management and Development - Continues Regional and area office activities in water and power contract administration and compliance. Continues assistance to water districts in application of water conservation plans and measures. Continues research to improve water flow measurements at existing facilities. Continues radiation safety and soil classification activities.

\$1,658,000

Facility Operations - Continues water and power facility operations along the lower Colorado River. Continues scheduling water releases from Parker Dam for delivery of water to Mexican and American water users. Continues groundwater activities including operation of drainage wells for groundwater control. Continues collection of sediment samples. Continues well inventory program to identify Colorado River water users. Continues water accounting program to measure and account for water deliveries, water use, and return flows.

\$2,344,000

Continues land and recreation facility operations along the lower Colorado River. Continues Geographic Information Systems administrative oversight, technical support, and maintenance of developmental and analytical projects including lands conversion, well inventory, unauthorized use, and a structures inventory. Continues land exchanges, disposals, acquisitions, rights-of-way, utility crossing contracts, land resource inventories, out-grant administration, trespass resolution, hazardous materials surveys, and land resource management plans.

1,011,000

Continues fish and wildlife facility operations along the lower Colorado River, including habitat oversight, providing access and vegetation for game animals. Continues support of water quality law and assessment of danger of contaminants to fish and wildlife habitat. Continues fish and wildlife activities other than endangered species, such as waterfowl, wading birds, and neotropical migrants; oversight of wetland and riparian habitat operations; and public education and environmental awareness regarding fish and wildlife.

731,000

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Subtotal, Facility Operations **4,086,000**

Facility Maintenance and Rehabilitation - Continues ongoing infrastructure maintenance of the lower Colorado River system, including well-field facilities, recreation, fish and wildlife facilities, 300 miles of banklines, jetties, levees, and access bridges and roads. Continues maintenance agreements for Imperial and Senator Wash Dams providing delivery of water to Mexico. Continues maintenance of the area and field offices. Continues sediment control activities at the Laguna Settling Basin, and the upstream side of Imperial Dam. Continues inspections of existing structures, including dams and office facilities, to maintain facility reliability. Continues universal accessibility modifications at area and field office facilities.

10,610,000

Non-Federal: Yuma Cogeneration Association

(50,000)

10,560,000

Continues engineering and technical support and services in the maintenance of project facilities.

Continues technical support and services in hazardous materials management including the removal of hazardous materials as required by federal and state laws.

3,391,000

Subtotal, Facility Maintenance and Rehabilitation **13,951,000**

Reclamation Request **\$19,695,000**

SEE APPENDIX FOR: Obligations by Function for Operating Projects